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Price List of Agricult

TREES SHRUBS PLANTS

All Arizona Grown



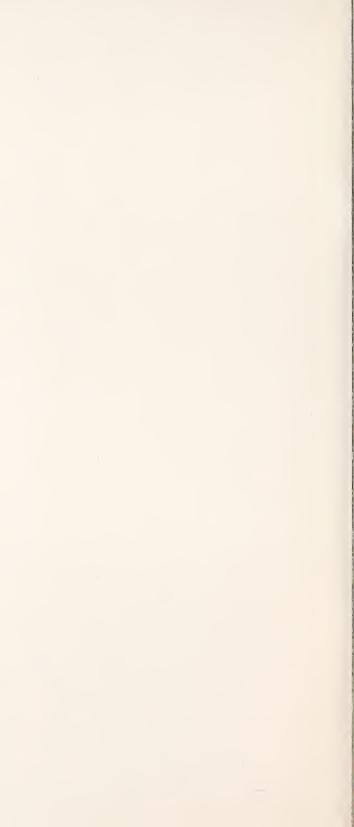
ARIZONA CYPRESS, U. OF A. CAMPUS

Monthan Brothers

NURSERYMEN TUCSON, ARIZONA

Nurseries: La Cienega, Vail, Ariz. Salesyard: Menlo Park, Tucson

> P. O. Box 686 Phone 1548J



Notice to Customers

TERMS.—All orders are sent out C. O. D. except to customers who have established credit with us. All mail orders from correspondents unknown to us, and who desire goods sent C. O. D. must be accompanied by at least one-third cash.

REPLACEMENTS.—All the trees we sell have been passed as healthy by the State Inspectors, and we take great pains to deliver them in good condition. With anything like fair treatment on the part of the purchaser there is no reason why any tree should fail to grow. However, if for some unknown reason, a tree should fail to start and grow we will undertake to replace it at half-price; on condition that the tree be planted not later than March 15th, and that we are notified as to the failure of the tree before June 1st of the same season.

This replacement offer however does not apply where the trees do not receive fair treatment at the customers hands (see black type on pages 3 and 4) or where trees are shipped or handled by carriers or others beyond our control, and only applies on trees purchased at our list prices, and not on trees sold at wholesale rates or by special quotations.

GUARANTEE.—We take every precaution to have each tree and plant true to label. If from any fault of ours a tree is not so, we will replace it free of charge, but it is to be understood that under no circumstances are we liable for more than the actual value of the tree or plant in question.

A FEW HINTS ON THE PLANTING AND CARE OF TREES IN SOUTHERN ARIZONA

It is impossible in the space at our disposal to enter into a long discussion on the planting and care of trees, but we will simply mention a few of the details wherein the practice in this locality differs from that in other sections of the country, and wherein, as our experience shows us, inexperienced planters usually err.

- (1) Deciduous trees and shrubs are those that shed their leaves and become dormant in winter. Such plants should be set out during the cold weather of January and February while they are dormant. They are dug up and transplanted with naked roots, and cannot safely be moved while in growth. Evergreen trees and shrubs, being usually moved with dirt around the roots have a much longer planting season, and can be set out any time except during the extremely hot weather. A good time to plant hardy evergreens such as the Cypress is during October, and plants set out at this time will quickly get established and will make some growth during the winter months. The more tender evergreens, however, such as the Pepper tree, if planted at this time would run some risk from frost, and it is best to put off planting these until the heavy frosts are over about March.
- (2) Where "Caliche" exists, tree holes are usually made four or five feet in diameter, and should be continued down until a softer stratum of "Caliche" is encountered. This will usually occur within four to five feet. This is done in order to provide drainage which is absolutely necessary in these holes. When the hole is completed the drainage can be tested by filling the hole with water, and noting how fast it seeps away. Where drainage is very poor dynamite is sometimes used to shake up the bottom of a hole, but is not usually necessary.

Use the best soil obtainable for filling the holes, rejecting all broken "caliche." It is not necessary, however, to haul "river bottom" or other special kinds of soil at great expense. Any fairly good soil that is handy will do just as well.

MANURE MUST NEVER BE USED in tree holes unless its use is thoroughly understood. Large numbers of trees are killed every year in this manner. Plain soil only should be used in the holes when planting, while fertilizers can be applied after the tree is established, by allowing them to seep down to the roots with the irrigation water.

No replacements will be made on trees where manure has been used in the tree holes.

(3) When your trees are delivered, if you are not ready to plant them at once, do not leave them in the bundles or bales, but immediately remove all packing materials from the roots and "heel them in" by digging a hole and burying the roots in moist soil, covering well up onto the stems of the trees. In this way the trees will keep perfectly

until you are ready to plant them. Keep the roots of trees moist while handling, and expose them to the air as little as possible.

No replacements will be made on trees that have not been either planted or "heeled in" within twenty-four hours of delivery.

(4) When planting evergreen trees that are balled in cans do not try to remove the whole can, as you are more than likely to break the ball of dirt and kill the tree. With an ordinary can opener cut around and remove the bottom of the can, and then plant the tree with the sides of the can intact. After planting should the sides of the can project above the soil, the part that does so can also be removed with the can opener. By handling the tree in this way there is no danger of breaking the ball of dirt, which would be fatal to the tree, and at the same time drainage is provided; while the part of the can left underground will soon rot away.

No replacements will be made on balled evergreen trees which are not handled in planting in accordance with the above directions. The sides of the container must not be removed, but the bottom must be.

We usually cut-back, ready for planting, all trees over a certain size, but in the case of small trees and shrubs to which this has not been done, care should be taken to cut them back at least one-third. This is very important, and applies particularly to Fruit trees.

No replacements will be made on Fruit trees or others which have not been cut back on planting.

(5) After a tree is planted and before it starts to grow, keep the soil damp, but do not irrigate it heavily every day, thus keeping the soil in a sodden condition.

See that each tree has a large deep basin around it for irrigation purposes, and never attempt to irrigate trees with a lawn sprinkler. In this basin place a mulch or layer about four inches thick of manure, sawdust, or even sand. This prevents the soil baking in the sun, thereby saving water, and keeps the roots cool.

When you wish to irrigate turn on the water until you are sure that the ground is thoroughly wet down as far as the roots extend, and then withhold it until the top few inches of soil begin to show the need of it. Where drainage exists there is no danger of applying too much water at one time, but it should not be applied too often, so that the ground remains in a sodden condition.

Roughly speaking, trees should be irrigated at intervals varying from twice a week during the very hottest time of the year, to twice a month during the coolest. This, of course, varies somewhat with the nature of the soil and the kind of trees.

(6) Roses like a rather heavy, rich soil, and do best planted in the open, for although they appreciate shade during the hot months, they need all

the sun possible during their blooming seasons in the Spring and Fall of the year. This does not mean, however, that climbing or other roses should be planted against a brick wall with a southern exposure, as in such a position the heat of the sun will surely burn them during the Summer. The pruning of roses when they are once established should never be neglected and while dormant about January they should be cut back severely. When they cease blooming in the early Summer they should receive another pruning, but this time a very light one, and from then, until the cool weather of the Summer rains arrives, their growth should be hindered by a somewhat stinted supply of water. This treatment will result in a profusion of bloom in the Fall of the year.

(7) About the end of September begin to prepare Evergreens for frost by applying very little water, in order to harden the young wood resulting from the rapid growth that takes place in the Fall of the year.

As soon as cold weather has set in, begin to irrigate the evergreens again, and continue to do so throughout the winter. This treatment of evergreens will prevent injury by frost, as far as it is possible to do so.

Why not buy Arizona-grown trees for Arizona planting? Is it not reasonable to suppose that a tree that has been raised in Arizona, and is handled direct from the nursery to the planter, is more likely to succeed under any circumstances, than one raised in some other locality that has been shipped-in by freight and handled by various dealers? Why buy shipped-in trees from some traveling salesman when you have a fifty-acre Home-Nursery right at your door, where you not only get the benefit of 16 years experience of tree-growing in Tucson, but you can see in advance what you are getting for your money, and select your own trees?

PRICE LIST OF TREES AND PLANTS SUITABLE FOR SOUTHERN ARIZONA

THE FOLLOWING PRICES ARE FOR SINGLE TREES—SPECIAL PRICES ON QUANTITIES

SPECIMEN TREES, LARGER THAN THOSE LISTED BELOW, AT SPECIAL PRICES

QUOTATIONS BY SIZE OF TREES INSTEAD OF AGE MADE ON REQUEST

DECIDUOUS TREES

THORNBER COTTONWOOD (NO COTTON) Introduced by Prof. J. J. Thornber of the University of Arizona. Is very much superior to our native Cotor Arzona. Is very much superior to our native Cottonwood, growing more rapidly, and having a very much larger leaf and a clean silvery-white bark. It also sheds its leaves a month later in the Fall, and comes out two weeks earlier in the Spring. This is the best tree to plant where an extremely quick-growing, large shade tree is desired.

We have a limited number of Specimen trees of the Thornber Cottonwood, about 3 inches in diameter and\$1.00 to \$2.00 20 feet high. These trees will make a useful shade tree the very first season......\$3.00 each

TEXAS UMBRELLA — Well known popular shade tree. Dense, round, umbrella-shaped head, with dark green leaves.

2 to 4 years... \$1.00 to \$2.00 ARIZONA ASH—A native of this country and the only Ash that will grow here. One of the best trees for street planting, and is used for this purpose all over

the southwest.

ARIZONA WALNUT—A large, spreading, native tree of dense foliage and of fairly rapid growth. Similar to the Black Walnut. Makes an excellent, hardy, long-lived shade tree. This is the tree which is being used so largely as a stock on which to graft the English and French Walnuts. The trees can be planted first and grafted later after they are established.

2 to 4 years \$1.00 to \$2.00 RUSSIAN MULBERRY — The best Mulberry for shade. A very hardy quick-growing tree with large spreading head. Stands drought well. Fruit small

and scanty.

fruit. Grows rapidly and makes a good shade tree. Fruit large and plentiful. 2 to 4 years.....\$1.00 to \$2.00

FRUITLESS MULBERRY (KINGAN)—A guaranteed absolutely non-fruiting variety grafted on the Russian Mulberry. This tree, which originated with Judge S. L. Kingan of Tucson, has a particularly well shaped head. It blossoms in the Spring but does not set fruit.

WEEPING WILLOW - A well-known, highly-orna-

----75c to \$1.50

LOMBARDY POPLAR—A tall, spire-like tree with dense bright-green foliage and large leaves. Grows very rapidly but requires plenty of water.75c to \$1.50 2 to 3 years.....

CAROLINA POPLAR - Has an upright pyramidal head and large, glossy, green leaves with white bark. A rapid grower under favorable conditions.

CATALPA—Has a spreading head with large heart-shaped leaves. Bears immense clusters of white and blue flowers freely in Spring.

2 to 4 years.....\$1.00 to \$2.00

BLACK LOCUST—A very hardy, quick-growing tree with spreading thorny branches, bearing white flowers

HONEY LOCUST—A rapid-growing ornamental tree with a loose, open head and acacia-like foliage. Is very graceful and extremely drought-resistant. 2 to 4 years......\$1.00 t\$1.00 to \$2.00

AILANTHUS (Tree of Heaven)—A purely ornamental tree with long fern-like leaves. Grows quickly. 2 to 4 years......\$1.00 to \$2.00

ELM (Chinese)—A most promising new tree that has been growing for the last three years on the University campus. Has the appearance and habit of the American Elm, but is a rapid grower.

DESERT WILLOW-A native tree with fine willowlike foliage. Flowers profusely in the Spring. 2 to 4 years.....\$1.00 to \$2.00

ELDER (Native Mexican)—Very popular. Grows all Winter and is green by Christmas. Flowers in Spring. Can be trained as either tree or shrub.

DECIDUOUS SHRUBS

POMEGRANATE (Fruiting) - Very popular for hedges. Bears excellent fruit.\$10.00 to \$20.00 Per hundred.....

POMEGRANATE (Flowering)—A handsome shrub with shining green leaves and large double red or75c to \$1.50 variegated flowers.....

TAMARISK—Very hardy. Has fine feathery foliage tipped with large spikes of small pink flowers. Will stand considerable alkali. Is useful for hedges or screens, and is very effective grown in clumps. Can

ALTHEA (Rose of Sharon)—A pretty, very free-flowering shrub blooming during the hot weather when

SPIREA (Bridal Wreath) — Medium-sized, graceful, white-flowering shrub. Flowers profusely in the75c to \$1.50

grown chiefly for the fragrance of its foli-..75c to \$1.50

EVERGREEN TREES

ARIZONA CYPRESS—A splendid native ornamental tree of pyramidal habit. Bluish-green foliage. A good grower and very hardy. When once established this tree will exist without irrigation, on our rainfall alone, although of course under such conditions the growth will be slow.

Specimens over 10 feet......Prices on application.

The three kinds of Cypress trees listed here deserve planting extensively. They are among the finest of ornamental evergreens and are never damaged by frost. Their style of foliage contrasts well with other trees, and they never fail to attract attention wherever planted. The campus of the University of Arizona has been planted extensively to these trees during the last few years, owing to their being so well adapted to the prevailing conditions there.

MONTEREY CYPRESS—The well-known Californian Cypress with dense, dark green foliage. Contrasts well with the Arizona Cypress.

- CASUARINA (Beefwood)—A rapid-growing, tall, upright tree with drooping branches, bearing dark green, needle-like leaves. A very handsome ornamental tree, growing well in any kind of soil. Is fairly hardy and stands considerable alkali.

EUCALYPTUS—We grow two varieties of these well known trees. (1) E. Rudis or the Desert Gum. (2) E. Rostrata or the Red Gum. These are the two best varieties for this climate. We do not recommend Eucalyptus for planting where "caliche" exists, but in the warmer sections with good, deep soil and plenty of water they do well and grow very rapidly.

 PALO VERDE (Bagote)—A curious native tree with bright green bark and feathery branches. Is covered with yellow flowers in the Spring. Is very ornamental and will stand extreme drought.

LOQUAT—A low-growing Japanese fruit tree with large, rough, glaucous leaves.

Grown in cans, 2 to 3 years......\$1.50 to \$2.00

EVERGREEN SHRUBS

fragrant.....

PALMS

CALIFORNIA FAN PALM (Washingtonia Filifera) —The only hardy, large-growing Fan Palm for this locality. A rapid grower. Can be used for streetplanting, if desired.
Balled, 2 to 3 years.....\$1.00 t
Extra large Specimens. Prices on application.\$1.00 to \$2.50

ORNAMENTAL DATE PALM (Phoenix Canariensis)—One of the handsomest of all Palms with dark green pinnate leaves. Is not quite so hardy as the Fan Palm and grows somewhat slower. Makes an excellent tub plant.
Balled, 2 to 4 years.....\$1.50 to \$2.50

CLIMBING PLANTS

- VIRGINIA CREEPER—The hardiest and most rapid growing deciduous climber for our climate......50c
- BOSTON IVY—Differs from the Virginia Creeper in its habit of clinging closely to a wall or other flat surface. Does best in partial shade. Deciduous .. 50c
-50c and 75c
- ENGLISH IVY—Well-known evergreen climber with dark, glossy, green leaves. Will cling to a wall without support. Rather slow-growing to begin with. Must have shade.....50c and 75c
- ANTIGONON LEPTOPUS (Mountain Rose) A climber from Mexico flowering all summer with racemes of rose-colored flowers two feet long.............50c

A SUGGESTION

Where "caliche" does not exist and there are no expensive holes to be dug, we suggest that it would be a highly profitable idea for the future, to plant a quantity of either Arizona Cypress or Eucalyptus trees (see page 8), provided one has sufficient unimproved land for the purpose. Planted in the form of groves, windbreaks or clumps, in the course of a few years these trees will make any place highly valuable and easily saleable. Small trees for this purpose grown in cans or pots are cheap, and since there is no shock in transplanting, such as larger trees undergo, will make a remarkable quick growth with sufficient irrigation. We will be glad to quote prices on trees for this purpose.

ROSES

We have small stocks of many other varieties in addition to those listed below. We have probably got the particular variety you are looking for. If you wish us to make a selection of varieties for you we will do our best to satisfy you.

1 year, 50c each; \$4.50 per 10 2 year, 75c each; \$6.50 per 10

RED-

American Beauty (rosy-crimson).
Crimson Queen (dark crimson).
Ecarlate (scarlet-red).
Eugene E. Marlitt (carmine-scarlet).
George Dickson (dark crimson).
Gruss an Teplitz (bright crimson).
His Majesty (deep-crimson).
J. B. Clark (deep-scarlet).
Mrs. A. R. Waddell (rosy-scarlet).
Red Radiance (crimson-scarlet).
Ulrich Brunner (cherry-red).

PINK-

F. R. Patzer (buff-pink).
George Ahrends (clear-pink).
La Detroit (shell-pink).
La France (silvery-pink).
Mille Cecile Brunner (salmon-pink).
Mme. Caroline Testont (clear-pink).
Mrs. Chas. Bell (shell-pink).
Ophelia (salmon-flesh).
Radiance (rosy-carmine).
Wellesley (bright pink).

WHITE-

Bessie Brown (creamy-white). Frau Carl Druschki (pure white). Kaiserin A. V. (ivory-white). White La France (pearl-white).

YELLOW-

Etoile de Lyon (sulphur-yellow).
Isabella Sprunt (bright yellow).
Lady Hillingdon (golden-yellow).
Souv. de Pierre Notting (apricot-yellow).
Sunburst (cadmium-yellow).

CLIMBING ROSES

75c each except where noted.

Cherokee (double white).
Christine Wright (pink).
Climb. American Beauty (rosy-crimson).
Climb. Cecile Brunner (salmon-pink).
Climb. Gruss an Teplitz (bright crimson).
Climb. Helen Gould (carmine).
Climb. Kaiserin A. V. (ivorv-white).
Climb. Ophelia (salmon-flesh). \$1.00 each.
Climb. Papa Gontier (deep crimson).
Climb. Souv. de Wooton (crimson).
Climb. White Cochet (cream-white).
Dorothy Perkins (shell-pink).
Lamarque (pure white).
Marechal Neil (golden-yellow), \$1.00 each.
Red Dorothy Perkins (crimson-scarlet).

FRUIT TREES

In planting fruit trees in Southern Arizona the choice of varieties is very important. Many of the leading varieties in other parts of the country fail to fruit here, even when the tree itself stands the climate. We grow our own trees from the roots up and bud or graft them from bearing trees.

PRICES—1 year, 3-4 feet, 50c each; 4.50 for 10 2 year, 4-6 feet, 75c each; \$6.50 for 10

PEACH—Mayflower, Alexander, Champion, Elberta, Early Crawford, Late Crawford, Salway, Phillips Cling, W. Heath Cling.

APRICOT—Newcastle, Royal, Tilton, Moorpark.

PLUM—Climax, Burbank, Wickson, Satsuma, Damson.

NECTARINE—Advance, Stanwick.

ALMOND-Texas Prolific.

PEAR-Bartlett, Kieffer, Flemish Beauty, W. Bartlett.

APPLE-Gravenstein, Jonathan, W. W. Pearmain, Winesap, Transcendent Crab.

QUINCE—Champion.

FIG-Brown Turkey, Black Mission, White Adriatic.

POMEGRANATE—Wonderful, Papershell.

OLIVE-Mission, Manzanillo.

\$1.25 each; \$10.00 for 10.

GRAFTED WALNUTS—The grafting of fruiting varieties of walnuts on the native Arizona stock has proved a great success, the trees growing and bearing well. We have a limited number of Franquette, Mayette and Eureka Walnuts grafted on Native Walnut stocks.

BLACKBERRIES......15c each; \$1.25 per 10

DEWBERRIES......20c each; \$1.50 per 10

STRAWBERRIES (Everbearing)-50c per doz.; \$1.50 per 100

Owing to neglect on the part of some of our customers to cut fruit trees back properly after planting; an operation that is absolutely necessary to success with the trees, we ourselves will cut back, ready for planting, all fruit trees before delivery, unless we are requested not to do so.

BEDDING PLANTS (at proper seasons)

These plants are not lifted from seed beds, but are grown individually in 2 and 3 inch pots. All leading varieties.

\$1.00 per dozen, except as noted.

Aster Shasta Daisy Hollyhock Snapdragon Pansy Verbena Petunia Violet

Carnation, \$1.50 per doz. Chrysanthemum, \$1.50 per doz. Geranium, \$1.50 per doz.

Cannas, 20c each; \$2.00 per doz. Dahlias, 25c each; \$2.50 per doz.

VEGETABLE PLANTS (at proper seasons)

Asparagus roots, 50c per doz.; \$2.00 per 100. Cabbage, 35c per doz.; \$1.00 per 100; \$5.00 per 1000. Cauliflower, 40c per doz.; \$1.50 per 100. Egg Plant in pots, \$1.00 per doz. Pepper (Chile), 50c per doz.; \$1.50 per 100; \$5.00

Pepper (Chile), 50c per doz.; per 1000.

Pepper (Bull nose) in pots, \$1.00 per doz. Sweet Potatoes, 50c per doz.; \$1.50 per 100; \$4.00 per 1000.

Tomatoes, 50c per doz.; \$1.50 per 100; \$5.00 per 1000. Tomatoes, in pots, \$1.00 per doz.

HOUSE PLANTS

We can usually supply a variety of choice potted plants suitable for house decoration.

MISCELLANEOUS PLANTS

We particularly recommend the following trees:

For Ornamentals — Arizona or Italian Cypress

(page 8).
For Shade — Thornber Cottonwood or Fruitless Mulberry (page 6).

For Street-planting — Arizona Ash (page 6), or Balm of Gilead (page 7).

For Hedges — California or Japanese Privet (page 9).

For Shrubbery — Oleanders or Pittosporum (page 9).



